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## What is Claimed:

1. A wireless lighting control system, wherein all wireless transmissions are on the same Radio Frequency (RF), the system comprising:

a first lighting control subnet operatively connected to a first lighting device;

- a second lighting control subnet operatively connected to a second lighting device; and
- a bridge in wireless and operative communications with the first and second lighting control subnets and the first and second lighting control devices, wherein said bridge transmits a link claim to the first and second lighting control subnets after waiting for a backoff time after the RF signal has ended, transmits a command to the first lighting control subnet with respect to the first lighting device, assigns a random wait time to said first lighting control subnet, and assigns a maximum random wait time to said second lighting control subnet, and receives an acknowledgement from said first lighting control subnet.
- 2. The system of claim 1, wherein the bridge receives a RF signal from said first lighting control subnet.
- 3. The system of claim 2, wherein the RF signal comprises a lighting scene identifier associated with a lighting scene stored in the bridge.
- 4. The system of claim 3, wherein the RF signal comprises a lighting command associated with a lighting scene, and wherein the bridge determines the lighting scene associated with the lighting command.
- 5. The system of claim 3, wherein the RF signal is responsive to a button press on a master control in said first lighting control subnet.
- 6. The system of claim 1, wherein said bridge further comprises a display, wherein said display indicates a status of the first and second lighting devices according to the command.
- 7. The system of claim 6, wherein the display is a LCD screen.
- 8. The system of claim 6, wherein the display is a LED display.

- 9. The system of claim 1, wherein said first lighting control subnet comprises a master control.
- 10. The system of claim 9, wherein said master control comprises an indicator, wherein said indicator displays a status of the first lighting device according to the command.
- 11. The system of claim 10, wherein the indicator is a LED display.
- 12. The system of claim 10, wherein the indicator is a LCD screen.
- 13. The system of claim 1, wherein said first lighting control subnet comprises a lighting control device.
- 14. The system of claim 13, wherein the lighting control device is a dimmer.
- 15. The system of claim 1, wherein the bridge further transmits a second link claim to said first and second lighting control subnets, transmits a second command to said first lighting control subnet with respect to the first lighting device, assigns a second random wait time to said first lighting control subnet, and assigns a second maximum random wait time to said second lighting control subnet, and receives a second acknowledgement from said first lighting control subnet.
- 16. The system of claim 1, wherein the bridge further transmits a second link claim to said first and second lighting control subnets, transmits a third link claim to said first lighting control subnet, transmits a second command to said second lighting control subnet with respect to the second lighting device, assigns a second random wait time to said second lighting control subnet, and assigns a second maximum random wait time to said first lighting control subnet, and receives a second acknowledgement from said second lighting control subnet.
- 17. The system of claim 1, wherein the bridge is operatively connected to an external device.
- 18. The system of claim 17, wherein the bridge is operatively connected to the external device by way of an RS-232 connection.

- 19. The system of claim 17, wherein the bridge receives time information from the external device, determines when a sunrise and sunset time will occur based on a location of the bridge, and transmits the link claim relative to the sunrise and sunset times.
- 20. The system of claim 17, wherein the bridge receives time information from the external device and transmits the link claim in response to received time information.
- 21. The system of claim 17, wherein the bridge transmits the link claim in response to an alarm received from the external device.
- 22. A method for operatively interconnecting a first and second lighting control subnet, wherein each subnet operates at the same RF, comprising:
- (a) transmitting a link claim to the first and second lighting control subnets from a bridge, wherein the link claim directs the first and second lighting control subnets to wait for a lighting control command;
  - (b) transmitting the lighting control command to the first lighting control subnet;
  - (c) assigning a random wait time to the first lighting control subnet;
  - (d) assigning a maximum random wait time to the second lighting control subnet; and
  - (e) receiving an acknowledgement from the first lighting control subnet.
- 23. The method of claim 22, further comprising executing step (a) in response to a button press on the bridge.
- 24. The method of claim 22, further comprising executing step (a) in response to receiving a RF signal transmitted by a master control of the first lighting control subnet.
- 25. The method of claim 24, further comprising waiting for a random backoff time before executing step (a).
- 26. The method of claim 24, wherein the RF signal is transmitted by the master control in response to a button press.
- 27. The method of claim 24, wherein the RF signal comprises a lighting scene identifier associated with a phantom button stored on the bridge.

- 28. The method of claim 24, wherein the RF signal comprises a second lighting control command associated with a lighting scene.
- 29. The method of claim 28, further comprising determining a phantom button associated with the lighting scene according to the lighting control command.
- 30. The method of claim 22, further comprising repeating steps (a)-(d).
- 31. The method of claim 22, further comprising displaying, on the bridge, a status of each subnet according to the acknowledgement.
- 32. The method of claim 31, wherein displaying a status comprises illuminating a LED.
- 33. The method of claim 22, further comprising:
  - (f) transmitting a second link claim to the first and second lighting control subnets;
  - (g) transmitting a second lighting control command to the first lighting control subnet;
  - (h) assigning a second random wait time to the first lighting control subnet;
- (i) assigning a second maximum random wait time to the second lighting control subnet; and
  - (j) receiving a second acknowledgement from the first lighting control subnet.
- 34. The method of claim 22, further comprising:
  - (f) transmitting a second link claim to the first and second lighting control subnets;
  - (g) transmitting a third link claim to the first lighting control subnet;
  - (h) transmitting a second lighting control command to the second lighting control subnet;
  - (i) assigning a second random wait time to the second lighting control subnet;
  - (j) assigning a second maximum random wait time to the first lighting control subnet; and
  - (k) receiving a second acknowledgement from the second lighting control subnet.
- 35. The method of claim 22, further comprising receiving time information; determining, based on stored information and the received time information, a sunset and sunrise time; and executing step (a) in response to said determination.
- 36. The system of claim 22, further comprising receiving time information and executing step (a) in response to said time information.

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- 37. The method of claim 22, further comprising executing step (a) in response to an alarm condition received by the bridge.
- 38. A bridge, comprising:
  - a display device for presenting information to a user;
  - a memory for storing information;
- a transmitter for transmitting messages to a first and second subnet on a predetermined RF;
- a receiver for receiving messages from the first and second subnet on the predetermined RF;
  - an Input/Output device for receiving or sending information; and
- a processor, wherein said processor is operatively connected to said memory, transmitter, receiver, display device and Input/Output device, and wherein said processor transmits a link claim to the first and second subnets, a first command and random wait time to the first subnet, and a maximum random wait time to the second subnet by way of said transmitter, and receives an acknowledgement from the first subnet by way of said receiver.
- 39. The bridge of claim 38, wherein the processor transmits the link claim in response to receiving a signal from a master control in the first subnet by way of the receiver.
- 40. The bridge of claim 38, wherein the display device presents status information regarding the first and second subnet.
- 41. The bridge of claim 38, wherein the display device is a LCD screen.
- 42. The bridge of claim 38, wherein the display device is a LED display.
- 43. The bridge of claim 38, wherein the RF is one of: 390 MHz, 418 MHz or 434 MHz.
- 44. The bridge of claim 38, wherein the Input/Output is a RS-232 connection.
- 45. The bridge of claim 38, wherein the Input/Output is adapted to receive an alarm signal and the processor is adapted to send the link claim in response to the alarm signal.

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- 46. The bridge of claim 38, wherein the processor further transmits, by way of the transmitter, a command to the lighting control device on the predetermined RF.
- 47. The bridge of claim 38, wherein the first subnet comprises a first master control and a first lighting control device, and the second subnet comprises a second master control and a second lighting control device.
- 48. The bridge of claim 38, wherein the processor further transmits a second link claim to the first and second subnets, a second command and second random wait time to the first subnet, and a second maximum random wait time to the second subnet by way of said transmitter, and receives a second acknowledgement from the first subnet by way of said receiver.
- 49. The bridge of claim 38, wherein the processor further transmits a second link claim to the first and second subnets, a third link claim to the first subnet, a second command and second random wait time to the second subnet, and a second maximum random wait time to the first subnet by way of said transmitter, and receives a second acknowledgement from the second subnet by way of said receiver.